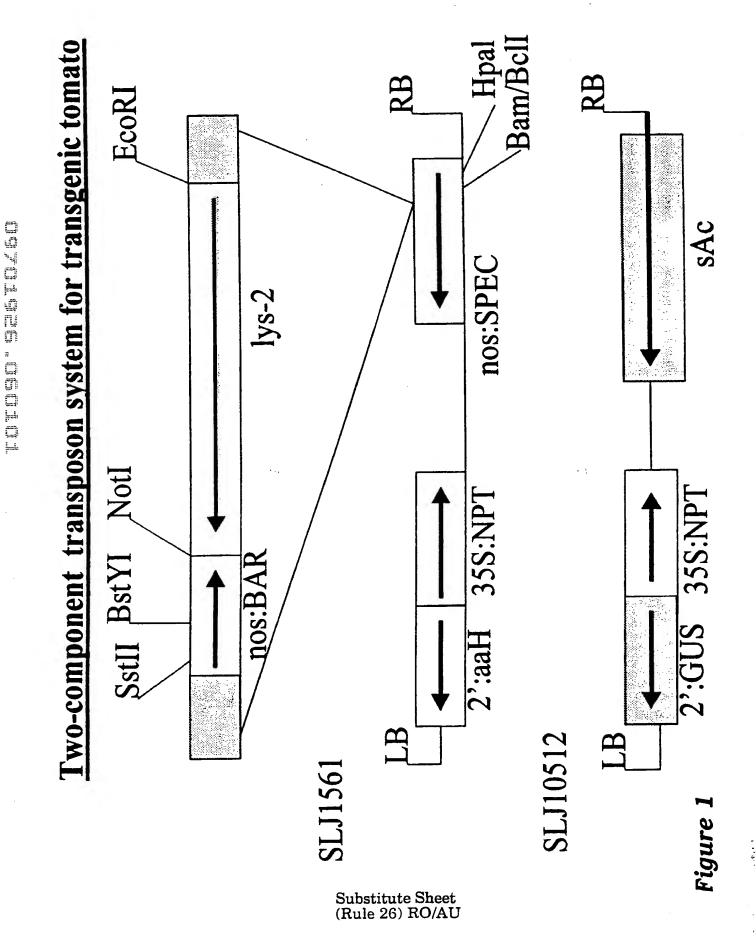
\mathbf{y}_{j}







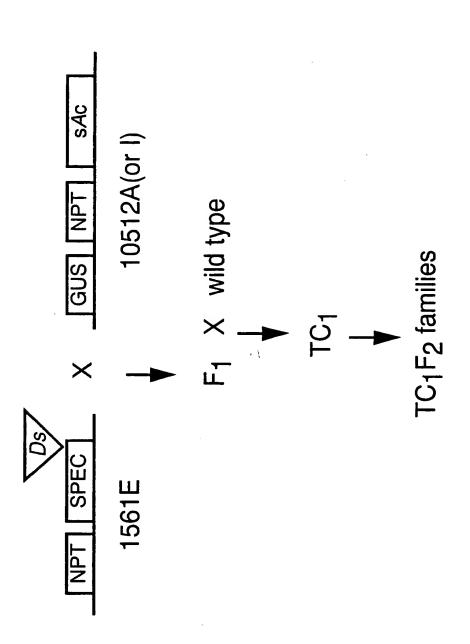


Figure 2



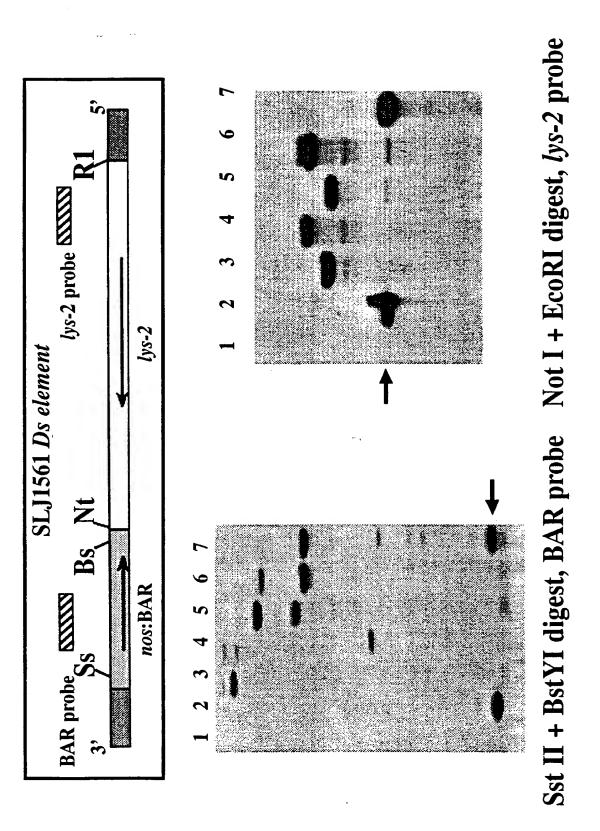


Figure 3



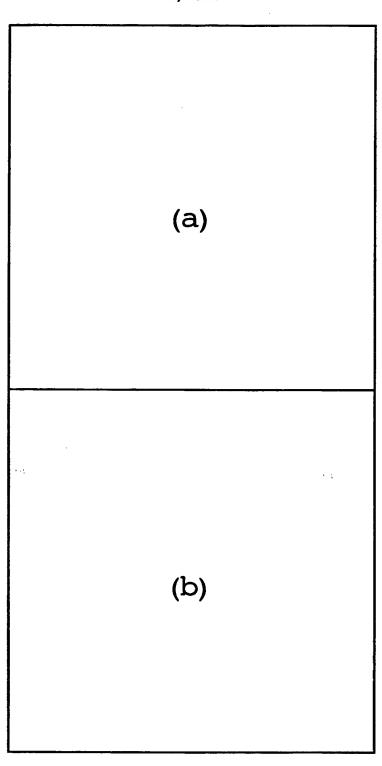


Figure 4(i)

FIG	SURE 4(i)		
981	TTTGAAATTTATGTATATATCTGTAGCATTAGAAACTATAAGAGTTGTTA	1030	Potato
40	TTTGAAATTTATGTATTTATCTATAGCATTAGAAACTATAAGAGTTGTTA	89	Tomato
1031	GCTTCACTTGTCTTATTGTTGTGCTCAAAGCAACTTCATCATACAGT	1077	
90	GCTTCACTTGGCTTACTGTTGTGCTCAAAGCAACTTCATCATCATACAGT	139	
1078	ATGGTTTTTATATGCTCTTCCATTATCACCGAACCTTATGATTATG.TGT	1126	
140	ATGGTTTTGATATGCTCTTCCATTATCACTGAGCCTTATGATTATGTTTT	189	
1127	ACGAGCTTATAATATTACTGATGGTGATTCAGTATTATGATTATGTCCTC	1176	
190	ACGAGCTTATAATATCACTGATGGTGATTCAGTATTGTGATTATGTCCTT	239	
1177	CATTAATTATTCTGTTTCATACAAGTCGTGTAATTTGCTGTTTGTGATTG	1226	
240	CGTTGATTATTCTGTTTCATACAAGTCGTGTAATTTGCTGTTTGTGACAG	289	
1227	TACGATAAATTGATTCAACCTTCTGCGGTGTTGGTTGAAGTTCAAGTAAA	1276	
290	TACGATAGATCGACTCAACCTTCTGAGGTATTAGTTGAAGTTCATGTAAA	339	
1277	TTAGCTTTATTTATCATAGTAGCATTTGATTATTGATGCTCTGTAGCTAA	1326	
340	TTAGCTTTGTTTATCATAGTAGCATTTGATTATTGATGCTCTGTAGCTAA	389	

1327	TGATAAGCCATTGAAGGGAAGCAGAAATGGTAAAGCTTTCTAAAATGAAT	1376
390	TGATAAGCCATTGGAGGGAAGCAAGCTTTCT.AAATGAAT	428
1377	CTACGAATGGATGATAAAGTTAATGAATATTGTTGATACTTCTGCAATCA	1426
429	CTACGAATGGATAAAGTTCATGAATATTTTTGTTACTTCTGCAGTCA	478
1427	GATTATGAGTTACTGAGTCTACTG.TTTTTTAAGCCTGTTTCAGATGATC	1475
479	GATCATGAGTTATTGAGTCTATTGTTTTTTAAGCCTGTTTCAGATGATC	528
1476	GATCATCAACAACATATTCAGTGTAGTAGACATGATCGATC	1525
529	CATCATCAGTAACAACATACACGGTGTAGTCCCAAATCCATCA	571
1526	TAATTTTCGATTATGCACCCTCTTTTCTCCAATTTGGTCGTCTTCTTT	1573
572		610
	TTTTCATGATGTCACTGAATTATTCTCTGGTCGTCCCCACCATTCAGGAA	
611		640
1624	GTCACTTCGAGCATAATGTGAAAACATCCACATTT.TTCAA	1663
641		COM 600
041	UQ406	ICTA 690
	insertion	

1664	ATCCAGCAGAATTTTC	1679
691	CCACGTCTTTCATCTAGCCCACAACCGTGGTGGAGGATCTAGAATTTTC	740
1680	ATCAAACGGGGTTCAACATTTACTACATGTATACACTCTGAAGTCTG	1726
741	ATGAAAGGATTCAAAATTTACAAACATATATATACACTATACACTATG	788
1727	AATCCACTAATTCTAGATGGTGCATCTGTGCCCCCACACTTGTGAAAGCT	1776
789	AATCCACTAATACTAGATGGTGCACCTGTGCCCCCACTCATGTGAAAGCC	838
1777	TATTCTCAATTTTTTTTTTCCAACAACTTGAATTCAGACCACACAACTC	1826
839	TATTCTCAATTTTTATTTTCC.ACAACTTAAATACAGACCGCACAACTC	887
1827	CCGTGTCTTGTACGGTCAGCATCTGAGTGGAGAACTCAA	1865
888	CCGTGTCTTGTGTGCTCGCTCAGCATGCAAGTCGAGAAAAGAAAG	937
1866		1881
938	CAAAACAATGAAAACTTTACGAAAAATCAAAAAGTTGAAGGACTTTAACG	987
1882	TCGAGTTCTATAGTAAACAACCCCTATATCTT	1913
988	TCGAGATCTCTCGTAGAAAACCTCTTTTGTAAGGTTGCATACAATACTTT	1037
1914	TTTTCAAGCATGTTAAGATTGCGAACACACTGA	1946
1038	TTTTTCAG. ACTTTACTTATGGTATTATACTGAATATGTTATTGCTGTTA	
1947		1972
1087	TAGTAGTTGAGGGAATTTCTAGTCCGTTAATCTTGTACT	1136
1973	CAGTGTGTGTACTTTTAAAAAAAAAAGTCAGTTTTTTAGTCTCTAAAACA	2022
1137	CAGTGTGTCTACTTTTCAAAAAAGTCAGTTTTTCAGTCTCTAAAACA	1183
2023	CATTTAAAT AGAGTTTATTTG . CCATCTTTTGTTCCTCATACTAGACTT	2070
1184	CATTTAAATAAGAGTTTCTTTGCCCATCTTTTGTTCCTCATCCTAGGCTT	1233
2071	CGGAGTCAACACACACAACAACA 2094	
1234	.GGAGTCAACACAACAACAACA 1256	

cgacggcccg	ggctggtaaa	tgcggaagct tgttacagat	tgttacagat	ttgaaattta	50
tgtatttatc	tatagcatta	gaaactataa	gagttgttag	cttcacttgg	100
cttactgttg	tgctcaaagc	aacttcatca	tcatacagta	tggttttgat	150
atgctcttcc	attatcactg	agccttatga	ttatgtttta	cgagcttata	200
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tatcatagta	gcatttgatt	attgatgctc	tgtagctaat	gataagccat	400
tggagggaag	caagctttct	aaatgaatct	acgaatggat	gataaagttc	450
atgaatattt	ttgttacttc	tgcagtcaga	tcatgagtta	ttgagtctat	500
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ggtgtagtcc	caaatccatc	atatgcacct	tattttatta	aatttggtct	009
tgtttttt	ttttcatgat	gtcattgaat	tattcaagaa	gtcacttcga	650
gcataatgat		ttttcaaaat ccacctttgt	tcaagcacta	ccacgtcttt	700
tcatctagcc	cacaaccgtg	gtggaggatc	tagaattttc	atgaaaggat	750

Figure 5(

tcaaaattta caaacatata tatacactat	atacactat aca		tccactaata	800
U	cccactcatg tga	tgaaagccta	ttctcaattt	850
acaacttaaa	tacagaccgc aca	acaactcccg	tgtcttgtgt	006
cagcatgcaa	gtcgagaaaa gaa	gaaagaccaa	aacaatgaaa	950
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	gttgcataca atad	atacttttt	ttcagacttt	1050
	tatgttattg ctg	ctgttatagt	agttgagtga	1100
_	ccgttaatct tgta	tgtactcagt	gtgtctactt	1150
	agtctctaaa aca	acacatttaa	ataagagttt	1200
	tcatcctagg ctt	cttggagtca	acacaacaca	1250
	ttctgtttct tta	ttacttctct	ctttatctct	1300
	cggtgttatt tca	tcaggtatcc	atctccaaag	1350
-	ttttcctatg tata	tatatgtatc	tctatgttta	1400
.0	ataaagaaaa gtt	gttagtttct	ctagaatctt	1450
4	tcaattggga ttc	ttcgagtaat	aagcaaggcg	1500

Figure 5(ii)

DSYDISES.DEGICI

10/24

gatggtacaa	ctctctcatc		aacttagttc cggacttggc taaagctgga	taaagctgga	1550
gttactcatg	tttggttgcc	accatcatct	cactccgttt	ctcctcaagg	1600
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gaccaactta	tatattagtt	caatccataa	aatttgatgt	agtagttaca	1750
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Figure 5(ii

TG7619E6.O66161

Figure 5(iv)

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Figure 5(v)

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gctcctcaca gttc	ttataaact	attcagattt	toccct attcagattt gattcattct cttcattttt	cttcattttt	4050
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Figure 5{vi

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gcattaggtg cgttggataa tagttttctt ataagtgatt ctggaattca	4950
ggttgtgagg aactatactc atggaataag tggaaaaggt gtttgtgtca	5000
attttgataa ggaaaggtct gctgtaccta attccactcc aaggaaagct	5050
ctacttctaa gagctgagac taatatgctt ctcatgagtc cagtgactga	5100
tagaaagcct cactctcggg gattacatca gtttgatatc gagactggga	5150
aggitgitag cgagiggaag titgagaaag aiggaaciga taicacgaig	5200
agggatatca ctaatgatag caaaggagct cagatggatc cttcggggtc	5250

Figure 5(vii)

tactttctta gggctagatg ataacagatt gtgtaggtgg gatatgcgtg	5300
ateggeatgg gatggteeag aatetagttg atgaaagtae teetgtgetg	5350
aattggactc aaggacatca attttcgagg ggaactaact ttcagtgctt	5400
tgctactact ggtgatggat caattgttgt tggttcactt gatggcaaga	5450
ttagattgta ctcaagcagt tccatgagac aggctaaaac tgcttttcca	5500
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gatattgggg acaactgata cttacttgat attgatatgc accttgttta	2600
togacaagaa tggaactact aagactggtt ttgctggtcg catgggaaat	5650
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ggetggaget aacaagttee geagtgetea atttteatgg gteacegaga	5750
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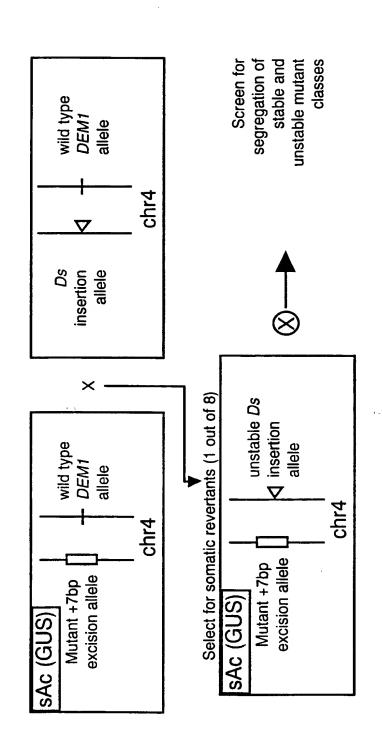
Figure 5(viii)

DGYOLGES .. DSGLOI.

16/24

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ttagatttat	aaactgcaca	ttaaaaacct	attattattg	atg
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Pigure 6

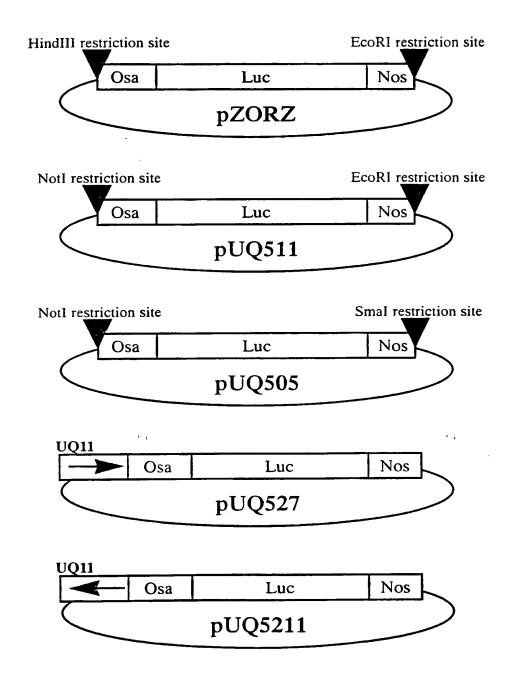


Figure 7
Substitute Sheet (Rule 26) RO/AU

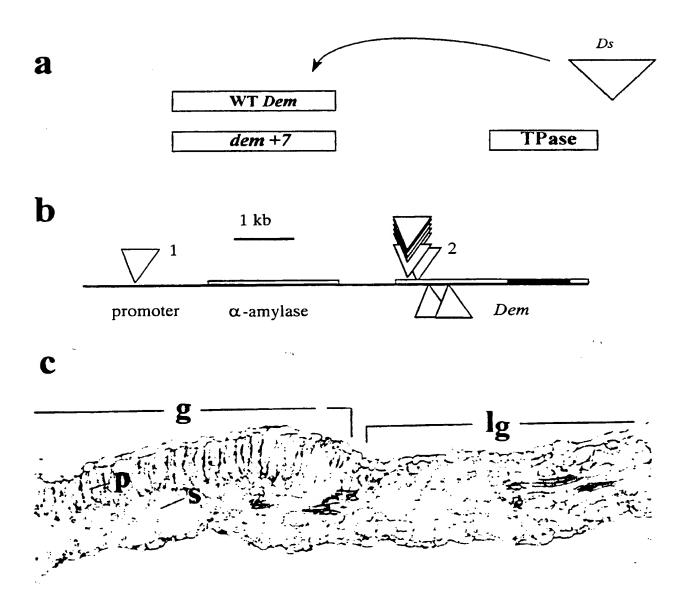


Figure 8

Substitute Sheet (Rule 26) RO/AU

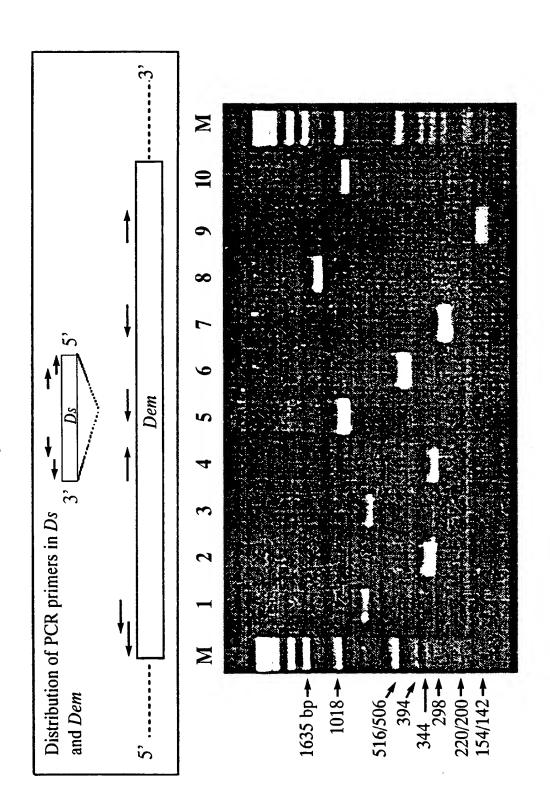
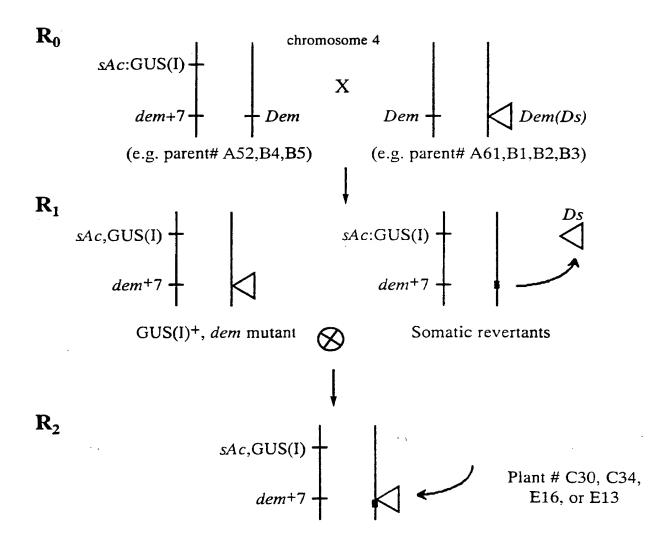


Figure 5

Substitute Sheet (Rule 26) RO/AU



GUS+variegated dem plants; PCR test was used to detect Ds reinsertions in Dem

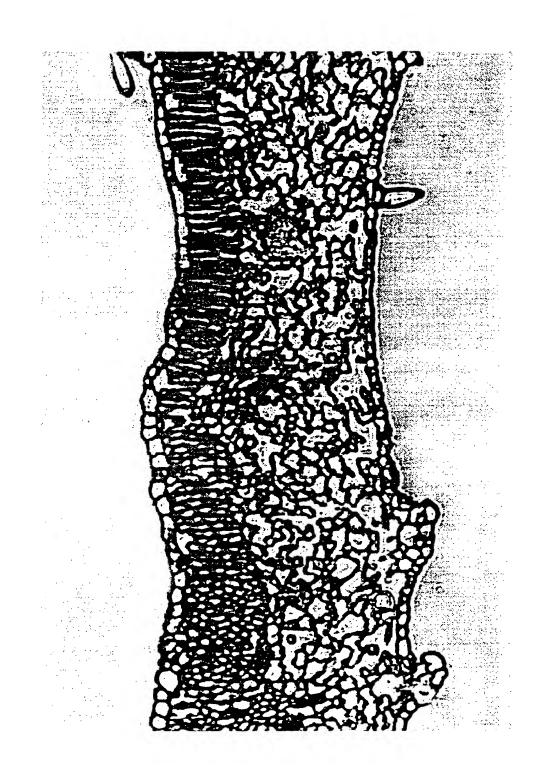


R₃ Select for GUS⁻ stable dem mutant lines with genetically modified palisade tissue

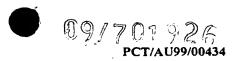
Figure 10

Substitute Sheet (Rule 26) RO/AU

COYOLORO. COCIOLOR



Substitute Sheet (Rule 26) RO/AU

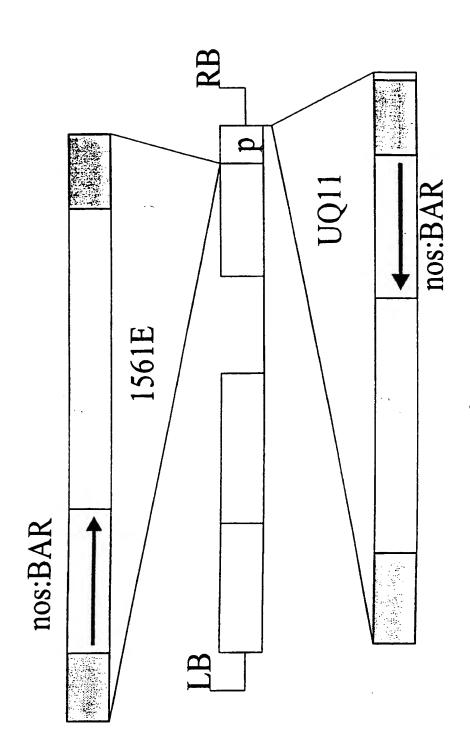


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Figure 12

DOYOLOGO, ODOLOL

UQ11 carries a Ds insertion in the RB of the **T-DNA**



igure 13